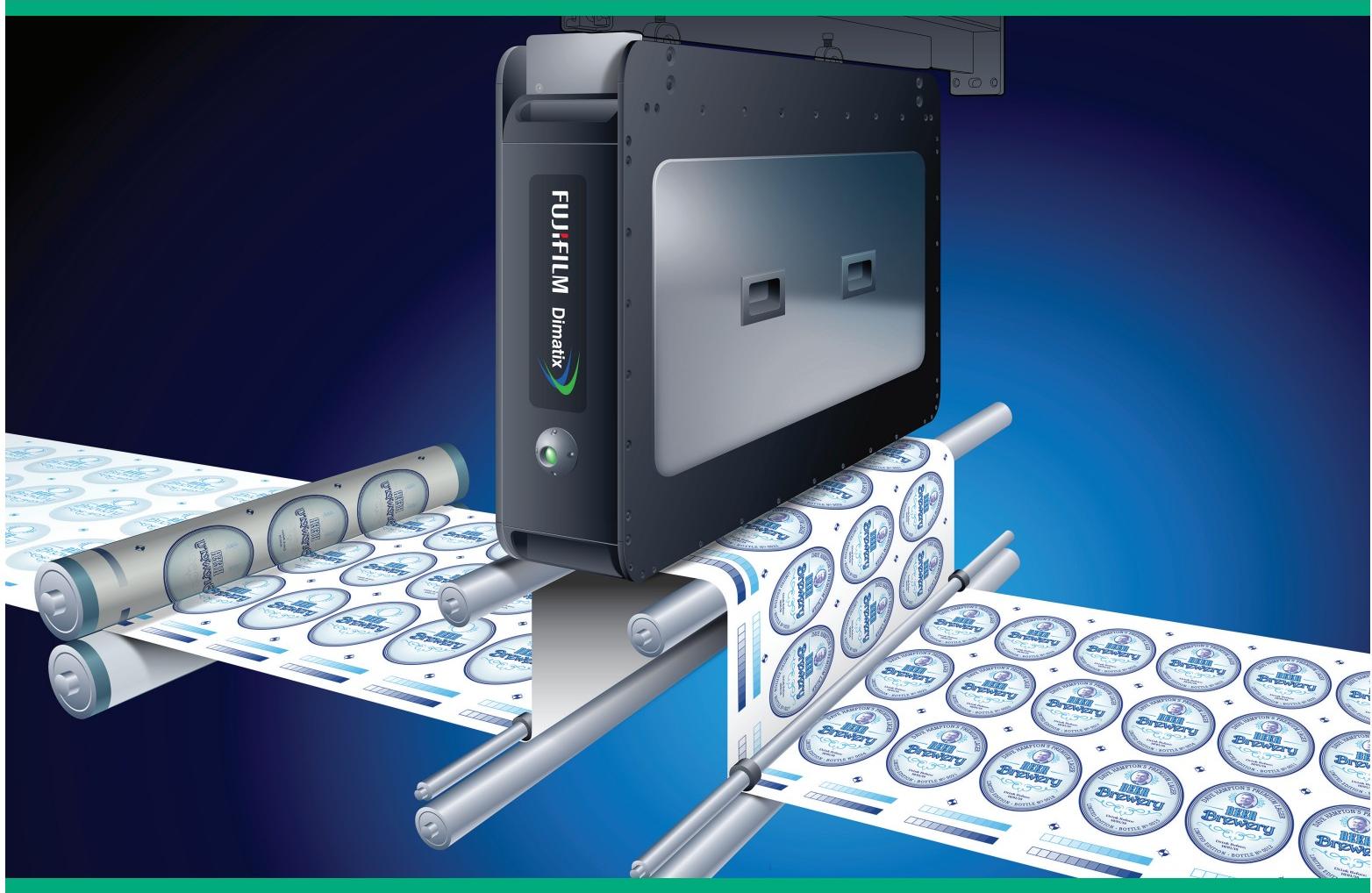


**FUJIFILM**



## Samba 42000 Inkjet Printbar System

*Based on Fujifilm Samba Technology*

The **42000 Printbar System** can easily be integrated onto an existing flexo label press. This digital imprinting system consists of all the components required to bring digital benefits to your label products. Each Printbar contains ten **1200 DPI** resolution Samba printheads. Creating a **17-inch** print zone.

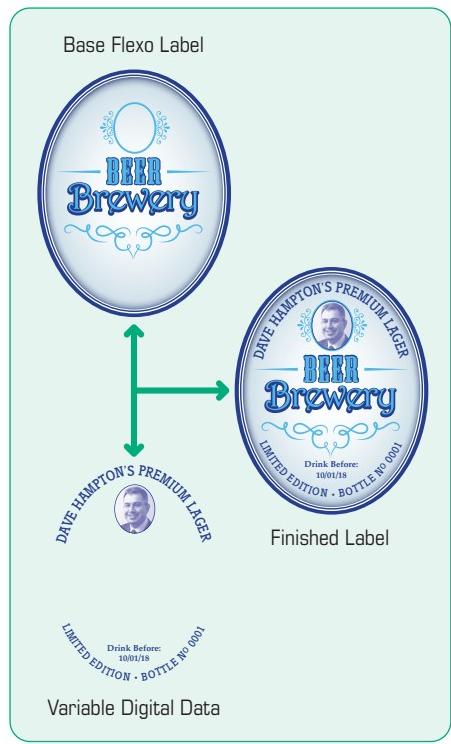


**Samba®**  
42000 Printbar System

# The Power of Fujifilm Inkjet Technology

**Fujifilm introduces the Samba 42000 Printbar System, a product designed to bring the capabilities of high resolution and speed using the Samba MEMs inkjet printheads to your flexo label production.**

Now you can boost your business by adding an inline digital print system for a wide range of personalized or data printing applications including text, logos, QR and bar codes and graphics.



This system allows the flexibility and versatility needed to explore and develop all your in-line digital printing needs.

## Raising the Bar in Printing

Samba drop-on-demand inkjet printheads jet billions of drops per second, each directed to a precise location, producing high resolution single pass imprints at an incredible speed of up to 300 feet per

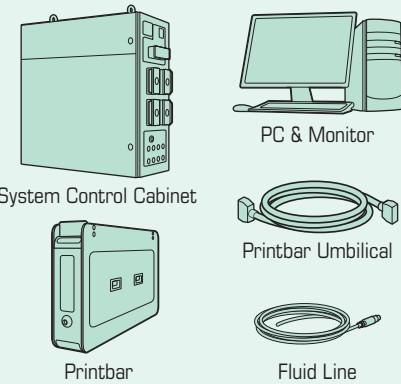
minute. Each Industrial Silicon MEMs constructed printhead within a printbar has 2,048 nozzles to deliver a native 1200 dpi resolution with an ink drop size as small as 3 picoliters (pl) for outstanding fine graphic quality. The patented RediJet Ink recirculation system ensures printbars are instantly primed, resulting in faster time to print, minimal ink waste and improved reliability.

## Versatility Tuned to Your Business

The flexibility of the Samba 42000 Printbar System makes digital imprinting within manufacturing a possibility. Fujifilm Dimatix printheads are a proven technology using UV inks on multiple substrates. The ability to host various colors including: Black, spot colors, whites and protective/decorative varnishes.

The Samba 42000 Printbar is easily integrated within your environment and comes complete with everything you need to get up and operating quickly.

### Samba 42000 Printbar System



| Parameter                  | Samba 42000 Printbar System  |
|----------------------------|--|
| <b>Printbars</b>           |  |
| Line speed                 | Up to 300 fpm [90 m/min]*  |
| Number of colors           | One color system: black, white, spot color, or varnish                     |
| Printbars supported        | Single printbar per system   |
| Print width                | 10 in. [250 mm]/13 in. [330 mm] /17-in. [420mm]                            |
| <b>Fluid Parameters</b>    |  |
| Curing                     | LED UV   |
| Maintenance                | Automated maintenance and capping station                                  |
| Compatibility              | UV-curable   |
| <b>Print Parameters</b>    |  |
| Input image file format    | PDF binary and grayscale monochrome  |
| Cross process resolution   | 1200 dpi   |
| Process resolution         | 300/600/1200 dpi   |
| Smallest font              | 4 pt*  |
| Media handling             | Integrated into existing flexo press (requires mounting rails)             |
| <b>Control Parameters</b>  |  |
| Image alignment            | High Resolution encoder and trigger  |
| Interfaces                 | Windows <sup>®</sup> 7 Graphical User Interface                            |
| Variable data              | Yes  |
| <b>Physical Parameters</b> |  |
| Printbar dimensions        | Height = 24 in. [612 mm], depth = 7 in. [178 mm], width = 38.5 in. [977mm] |
| Power                      | Universal 120-240 VAC 50/60 Hz 20 amps                                     |

\*capabilities may vary depending on application

[www.fujifilminkjet.com](http://www.fujifilminkjet.com)

**FUJIFILM**

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